High School to College and Career Pathway: Post-Secondary

Area of Study: Information Technology Education   Pathway: Network Systems

Region: Wasatch Front	**District:**	**School:**	**College/Institution: Salt Lake Community College**
Contact Person: Don Johnson		**Ph.#: 801-957-5807**	Articulation Agreement in place? Yes
E-mail: don.johnson@slcc.edu		**Date: 4/6/07**	**Name of Degree or Certificate: Telecommunications Technology** **Assoc of Applied Science Degree (63-64 hours required)**

High School				**College**		
Course Number	**High School Suggested Academic Courses**	**H.S. Credit**	**College Credits**	**Course Number**	**College General Education Requirements**	**College Credits**
	ENGL 1010*	1	3 →	ENGL 1010	Introduction to Writing	3
	MATH 1050*	1	4 →	ELET 1050	Electronics Math or MATH 1050 Col Algebra (4)	3-4
	COMM 1010*	1	3 →	COMM 1010	Elements of Effective Communication	3
				LE 1220	Human Relations	3
	1 course from : BioSci, FineArts, Humanities, Interdisc, PhySci*	1	3 →		1 course from any area: BioSci, FineArts, Humanities, Interdisciplinary, PhySci	3

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school.
See your individual school for specific program offering. ***Note: *= concurrent   ^= distant***

High School to College and Career Pathway: Post-Secondary

Area of Study: Information Technology Education   Pathway: Network Systems

High School				College		
Course CIP #	**CTE Pathway Courses (credits for completion)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**College Credits**
Course #	**Introductory Courses: (preferred)**	**Credit**				
52.0417	Computer Technology*	.50	⟶	CIS 1020	Computer Essentials (3)	
11.0101	Information Technology, Introduction	.50				
	Foundation Courses: (required)					
	Choose 1.5 credits from the following courses:					
11.0410	Certified Novell Administrator (CNA)	1.00				
11.0420	Cisco Certified Network Administrator (CCNA)	1.00				
11.0430	Microsoft Certified Professional (MCP)*	1.00	4 ⟶	TELE 2210	MCSA/MCSE Mod 1 (from Electives below)	4
11.0440	Network +*	.50	4	TELE 2461	Network Routing/Switching I	4
	Elective Courses:					
11.9920	A+ (Computer Maintenance) *	1.00	4 ⟶	TELE 2320	Computer Maintenance (A+) Certification	4
11.9940	Linux Fundamentals	1.00				
11.0450	Security Fundamentals	.50				
32.0199	Student Internship (Critical Workplace Skills)	.50				
				TELE 1110	Telecommunication Cabling	2
				TELE 2340	Telecommunications system Design	4
				TELE 2470	Convergent Network Technologies	4
					Minimum 8 hours Network Infrastructure electives below	4 (normally 8 but 4 hrs taken below)
				TELE 2463	Internetworking Design (4)	
				TELE 2465	Building Scalable Internetworks (4)	
				TELE 2466	Remote Access Networks (4)	
				TELE 2467	NetworkTroubleshooting & Support (4)	
				TELE 2510	Computer Network Security (4)	
					Minimum 12 hours from Operating Systems electives below	8 (Normally 12 but 4 hrs taken above)
				TELE 2220	MCSA/MCSE Mod 2 (4)	
				TELE 2230	MCSA/MCSE Mod 3 (4)	
				TELE 2337	MCSA/MCSE Mod 7 (2)	

	Additional Articulated Classes Below	Credit					
47.0105	Electronics Technician*	1	6	⇒ELET 1010	DC/AC Basic Electronics		6
11.0440	Network Switching/Routing II*	.5	4	⇒TELE 2462	Network Switching/Routing II (4) (from electives above)		4
					FREE TECHNICAL ELECTIVES: Select a minimum of 4 hours. Check current catalog and department advisor.		4
TOTAL Potential Credits Earned in High School			**35**	**TOTAL Credits Required for Degree or Certificate**			**63**

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*Note: This SLCC degree is articulated with a Bachelor of Science degree in Technology Management at Utah Valley State College. Requirements are:
(1) complete this SLCC degree, (2) complete a total of 34 general education credit hours at SLCC (required for A.S. degree), and (3) earn 44 credit hours at UVSC in the Technology Management program.*